### Original (for SUBMISSION)

0	For receiving Office use only	
0-1	International Application No.	
0-2	International Filing Date	
0-3	Name of receiving Office and "PCT International Application"	
0-4	Form PCT/RO/101 PCT Request	
0-4-1	Prepared Using	PCT-SAFE [EASY mode] Version 3.50 (Build 0002.162)
0-5	Petition	
	The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
0-6	Receiving Office (specified by the applicant)	Israel Patent Office (RO/IL)
0-7	Applicant's or agent's file reference	27998
ī	Title of Invention	STABLE DIELECTRIC GRATINGS IMPLEMENTED BY COMPOSITION STRIATIONS IN PARAELECTRIC CRYSTALS
11	Applicant	
II-1	This person is	applicant only
11-2	Applicant for	all designated States except US
11-4	Name	YISSUM RESEARCH DEVELOPMENT COMPANY OF THE HEBREW UNIVERSITY OF JERUSALEM
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11-6	State of nationality	IL
11-7	State of residence	IL .
11-8	Telephone No.	1.
11-9	Facsimile No.	

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111-1	Applicant and/or inventor	T T T T T T T T T T T T T T T T T T T	
111-1-1	This person is	applicant and inventor	
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HI-1-7	State of residence	IL	
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111-2-2	Applicant for	US only	
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111-2-7	State of residence	IL	
<b>IV-1</b>	Agent or common representative; or address for correspondence		
	The person identified below is hereby/ has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	agent	
IV-1-1	Name	G.E. EHRLICH (1995) LTD.	
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IV-1-5	e-mail	patents@ipatent.co.il	
IV-1-6	Agent's registration No.		
V .	DESIGNATIONS		
V-1	The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the international filing date, for the grant of every kind of protection available and, where	4	
	applicable, for the grant of both regional and national patents.		

### Original (for SUBMISSION)

VI-1	Priority claim of earlier national application		
VI-1-1	Filing date	04 August 2003 (04.0	8.2003)
VI-1-2	Number	60/491,996	,
VI-1-3	Country	us	
VII-1	International Searching Authority Chosen	United States Patent and Trademark Office (USPTO) (ISA/US)	
VIII	Declarations	Number of declarations	
VIII-1	Declaration as to the identity of the inventor	-	
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent		
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	-	
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	-	
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-	
IX	Check list	number of sheets	electronic file(s) attached
IX-1	Request (including declaration sheets)	4	<b>✓</b>
IX-2	Description	21	•
IX-3	Claims	5	-
IX-4	Abstract	1	
IX-5	Drawings	9	<u> </u>
IX-7	TOTAL	40	
	Accompanying Items	paper document(s) attached	electronic file(s) attached
IX-8	Fee calculation sheet	/	-
IX-17	PCT-SAFE physical media	_	1
IX-18	other	ILS 476 -	
		transmittal fee	
IX-19	Figure of the drawings which should accompany the abstract	•	
IX-20	Language of filing of the international application	English	

### Original (for SUBMISSION)

X-1	Signature of applicant, agent or common representative	
X-1-1	Name	G.E. EHRLICH (1995) LTD.
X-1-2	Name of signatory	MELNICK, Geoffrey, L.
X-1-3	Capacity	Agent

# FOR RECEIVING OFFICE USE ONLY

10-1	Date of actual receipt of the purported international application	
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/US
10-6	Transmittal of search copy delayed until search fee is paid	

### FOR INTERNATIONAL BUREAU USE ONLY

11-1	Date of receipt of the record copy by	
	the International Bureau	